(c) All emission control systems installed on or incorporated in a new motor vehicle shall be functioning during all procedures in this subpart except:

(1) In cases of component malfunction or failure; and

(2) during certain specified fuel drain and fill operations, at which times the refueling emission control canister is disconnected. Maintenance to correct component malfunction or failure shall be authorized in accordance with § 86.098–25.

(d) *For liquefied petroleum gas-fueled vehicles only*. Refueling test procedures for light-duty vehicles and light-duty trucks operated on liquefied petroleum gas are described in § 86.157.

[59 FR 16296, Apr. 6, 1994, as amended at 59 FR 48511, Sept. 21, 1994]

§ 86.151–98 General requirements; refueling test.

(a) The refueling emissions procedure, shown in Figure B98–12, starts with the stabilizing of the vehicle and the loading of the refueling emissions canister(s) to breakthrough, and continues with the vehicle drive for purging of the canister, followed by the refueling emissions measurement. The test is conducted following §§ 86.152–98 through 86.154–98 in order.

(b) Ambient temperature levels encountered by the test vehicle throughout the test sequence shall not be less than 68 °F (20 °C) nor more than 86 °F (30 °C).

(c) The vehicle shall be approximately level during all phases of the test sequence to prevent abnormal fuel distribution.

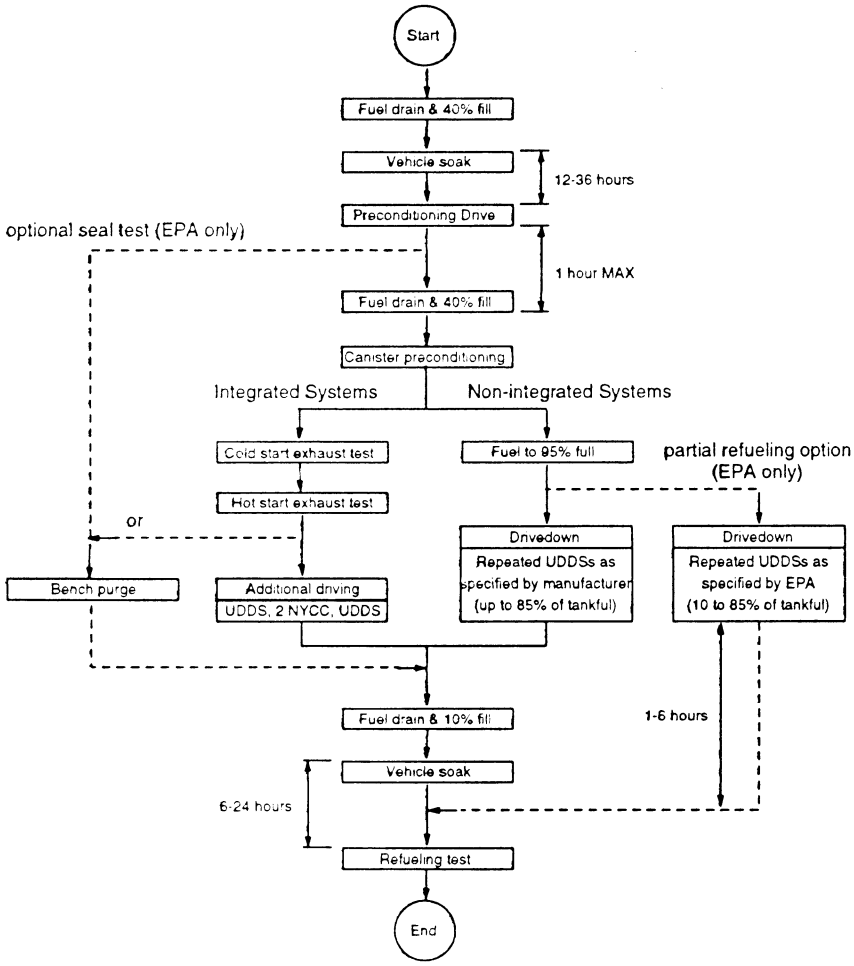

Figure B98-12: Refueling Test Sequence

[59 FR 16296, Apr. 6, 1994]

§ 86.152–98 Vehicle preparation; refueling test.

(a) Provide additional fittings and adapters, as required, to accommodate a fuel drain at the lowest point possible in the tank(s) as installed on the vehicle. The canister shall not be removed from the vehicle, unless access to the canister in its normal location is so restricted that purging and loading can only reasonably be accomplished by removing the canister from the vehicle. Special care shall be taken during this step to avoid damage to the components and the integrity of the fuel system. A replacement canister may be temporarily installed during the soak period while the canister from the test vehicle is preconditioned.

(b) Optionally, provide valving or other means to allow the venting of the refueling vapor line to the atmosphere rather than to the refueling emissions